Use Attainability Analysis

for

WBID 3233 Joyce Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

Date Received: July 25, 2005

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Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad): Joyce Creek
8-digit HUC: 11070207
Missouri WBID #: 3233
County: Barry
Upstream Legal Description: 16,24N,28W
Downstream Legal Description: 14,24N,28W
Upstream Coordinates: 413615E 4072855N
Downstream Coordinates: 410620E 4073105N
Discharger Facility Name(s):
Discharger Permit Number(s):
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Jeff Woodward (417)888-4029
Organization: DNR SWCP
Position: Soil Scientist III

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Q!	22221	Data
Signed:_	2-14-05	Date:

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 323	3-01		Site Location Description: CR 1055 south of CR 2090					
Site GPS Coordinates:	413615 E, 4072855 N		1					
Date & Time: 6/14/05	12:15 P.M.		Facility Name:					
Personnel: Jeff Woodw	ard		Permit Numbe	r:				
Current Weather Condit	ions: 70 degrees sunn	у	Weather Cond	tions for Past 7 days: scatte	ered storms			
Photo Ids: Upstream: v	vbu3233-01 Down	stream: wbo	i3233-01 Oth	er: wbe3233-01, 01b				
ses Observed*:								
Swimming	Skin diving	SC	JBA diving	Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	☐ Boa	iting	Wading	Rafting			
Hunting	Trapping	Fish	ning	None of the above	Other:			
Describe: (include numb	per of individuals recre	sating, freque	ency of use, phot	o-documentation of evidence	e of recreational uses, etc.)			
22				uses. Attach photos of evidence				
urrounding Condition	ns*: (Mark all that pr	omote or imp						
urrounding Conditioners of interest.)	ns*: (Mark all that pr	omote or imp	pede recreational	uses. Attach photos of evid	ence or unusual			
urrounding Conditionems of interest.)	ns*: (Mark all that pro	omote or imp	pede recreational nservation lands forests	uses. Attach photos of evid	ence or unusual Campgrounds			
urrounding Conditionems of interest.) City/county parks Boating accesses	ns*: (Mark all that pro	omote or imp MDC col	pede recreational nservation lands forests	uses. Attach photos of evid	ence or unusual Campgrounds			
urrounding Conditionems of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that pro	omote or imp MDC col National Steep slo	pede recreational nservation lands forests	uses. Attach photos of evid	ence or unusual Campgrounds Stairs/walkway			
urrounding Conditionems of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that pro	omote or imp MDC cou National Steep slo	pede recreational nservation lands forests pes	uses. Attach photos of evid Urban areas Nature trails Other:	ence or unusual Campgrounds Stairs/walkway			

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Data Sheet B - Site Characterization

Page Two - WBID #3233-01:

Stream Morp		cal Dimensio	ons:						
	Width (ft):		gth (ft):	A	vg. Depth (f	t):	М	ax. Depth (ft)	:
⊠ Run	Width (ft): 20) Len	gth (ft): 40	A	vg. Depth (f	t): 8 "	М	ax. Depth (ft)	: 1.5
Pool	Width (ft):	Len	gth (ft):	A	vg. Depth (f	t):	М	ax. Depth (ft)	:
⊠ Flow I	Present?	Yes No		Е	stimated (ft ³	/sec): 3			
Downstrea	m View Ph	ysical Dimer	isions:						
The state of the s	Width (ft): 10		gth (ft): 40	A	vg. Depth (f	t): 5"	M	(ax. Depth (ft)	: 10"
Run	Width (ft):	Len	gth (ft):	A	vg. Depth (f	t):	М	ax. Depth (ft)	:
☐ Pool	Width (ft):	Len	igth (ft):	A	vg. Depth (f	t):	M	fax. Depth (ft)	:
⊠ Flow	Present?	Yes No		Е	stimated (ft ³	/sec): 3			
ubstrate*: (Cobble Cobble	should add up to 75% Gravel		% Sand		% Silt	9/ N	Mud/Clay	% Bedrock
		(Mark all that	**					10.	
Odor:			Musky	Chen		None		Other:	
Color:	⊠ C		Green	Gray		Milky		Other:	
Bottom Depo		ludge il	Solids Scum	Fine	sediments	None Non	<u>_</u> _	Other:	
		additional c							
This information omprehensive un ecision on the re	nderstanding	of water conditi	ons. Conse	quently, this	information	is not intend	led to dir	ectly influenc	e a
latasheet is ti	rue and ac	curate.	the best o	of my kno	wledge, th	at all info	rmatio	n reported	on this UAA
Signed:	M	m			_Date:	6-14-0	5		
Organization:	0 - 0 -								

WBID 3233 – Downstream #1



WBID 3233 – Upstream #1



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 3233	3-02		Site Location	Site Location Description: CR 1045					
Site GPS Coordinates: 4	412015 E, 407305	0 N							
Date & Time: 6/14/05 1	12:00 P.M.		Facility Name	Facility Name:					
Personnel: Jeff Woodw	ard		Permit Numb	er:					
Current Weather Condit	ions: 70 degrees s	unny	Weather Con-	ditions for Past 7 days: scatter	red storms				
Photo Ids: Upstream: w	vbu3233-02 D	ownstrea		her: wbe3233-02					
01 14	,								
s Observed*:	Skin diving		SCUBA diving	☐ Tubing	☐ Water skiing				
☐ Wind surfing	☐ Kayaking		Boating	Wading	Rafting				
☐ Hunting	Trapping		Fishing	None of the above	Other:				
Describe. (include nume	ei oi individuais i	ecreating	g, frequency of use, pho	to-documentation of evidence	or recreational uses, et				
rounding Condition				al uses. Attach photos of evide					
4		at promot		al uses. Attach photos of evide					
rounding Conditions of interest.)	ns*: (Mark all tha	at promot	e or impede recreations	al uses. Attach photos of evide	ence or unusual				
rounding Conditions of interest.)	ns*: (Mark all tha	at promot	e or impede recreations	al uses. Attach photos of evide	ence or unusual				
rounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all tha	at promot	te or impede recreational fDC conservation lands	al uses. Attach photos of evide Urban areas	ence or unusual				
rounding Conditions of interest.) City/county parks Boating accesses	ns*: (Mark all that Playground State parks Fence	at promot	te or impede recreational fDC conservation lands lational forests teep slopes	al uses. Attach photos of evide Urban areas Nature trails Other:	ence or unusual Campgrounds Stairs/walkway				
rounding Conditions of interest.) City/county parks Boating accesses No trespass sign dence of Human Us	ns*: (Mark all tha	at promot	te or impede recreational fDC conservation lands	al uses. Attach photos of evide Urban areas	ence or unusual				

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID #3233-02:

Stream Morp Upstream ^v		vsical D	imensi	ons:								
	Width (ft):			ogth (ft): 75		Avg. Depth ((ft):	8 "		Iax. Depth	(ft): 1	
Run	Width (ft):		Ler	ngth (ft):		Avg. Depth (ft):			Max. Depth (ft):			
Pool	Width (ft):		Ler	Length (ft):		Avg. Depth (ft):			Max. Depth (ft):			
⊠ Flow	Present?	⊠ Yes	☐ No			Estimated (fi	³ /sec	e): 3				
Downstrea	m View	Physica	l Dime	neione								
	Width (ft):			ngth (ft):		Avg. Depth ((ft):		N	ſax. Depth	(ft):	
⊠ Run	Width (ft):	15	Ler	igth (ft): 75		Avg. Depth ((ft):	1.5		lax. Depth		
Pool	Width (ft):		Let	ngth (ft):		Avg. Depth	(ft):		N	fax. Depth	(ft):	
	Present?	⊠ Yes	□ No	<u> </u>		Estimated (fi		c): 3		· · · · · ·	`	
Aquatic Vege Algae on roo		(note amo				Sand growth at the asse		% Silt [% l	Mud/Clay		% Bedrock
Water Chara	cteristic	s*: (Marl	all that	apply.) Musky		Chemical		None		Other:		
Color:	×	Clear		Green		Gray		Milky		Other:		
Bottom Dep		Sludge		Solids		Fine sediments	\boxtimes	None	Ţ	Other:		
Surface Dep	osit:] Oil		Scum		Foam		None		Other:		
*This information comprehensive undecision on the re	n is not to i	be used so	elely for :	removal of a	recre quentl	ational use design	natio on is	n but rathe	er is to p	rovide a me	ore ence a	
I, the undersi datasheet is t	rue and	accurat	e.		•					-		
Signed:	MM	~		-		Date:	6	-/4-	· C5	_		_
Signed: Organization:	401	ONR	- 50	L CP	,	Positio	n: _	Soil	1 GK	ients1	77	_

WBID 3233 – Downstream #2







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	3-03		Site Location	Description: CR 2090					
Site GPS Coordinates: 4	410620 E, 40731051	N							
Date & Time: 6/14/05 1	:50 P.M.		Facility Name	Facility Name:					
Personnel: Jeff Woodwa	ard		Permit Numbe	r:					
Current Weather Condit	ions: 70 degrees sur	nny	Weather Cond	itions for Past 7 days: scatter	red storms				
Photo Ids: Upstream: w	vbu3233-03 Dov	wnstream: wb	d3233-03 Oth	ner: wbe3233-03, 03b, 03c, 0	3d, 03e, 03f				
s Observed*:	P								
Swimming	Skin diving	□ sc	CUBA diving	☐ Tubing	☐ Water skiing				
☐ Wind surfing	☐ Kayaking	□Во	oating	Wading	Rafting				
Hunting	Trapping	□Fis	shing	None of the above	Other:				
(4)				o-documentation of evidence					
	ns*: (Mark all that	promote or in		I uses. Attach photos of evide					
rounding Conditions of interest.)	ns*: (Mark all that								
s of interest.)			npede recreationa onservation lands	l uses. Attach photos of evide	ence or unusual				
s of interest.) City/county parks	☐ Playgrounds	☐ MDC co	npede recreationa onservation lands l forests	l uses. Attach photos of evide	ence or unusual				
s of interest.) City/county parks Boating accesses	☑ Playgrounds☑ State parks☑ Fence	☐ MDC co	npede recreationa onservation lands l forests	uses. Attach photos of evide	ence or unusual				
s of interest.) City/county parks Boating accesses No trespass sign	☑ Playgrounds☑ State parks☑ Fence	☐ MDC co	npede recreationa onservation lands l forests	uses. Attach photos of evide	ence or unusual Campgrounds Stairs/walkway				
s of interest.) City/county parks Boating accesses No trespass sign dence of Human Us	☑ Playgrounds☑ State parks☑ Fence	MDC co	npede recreationa onservation lands l forests opes	uses. Attach photos of evide	ence or unusual				

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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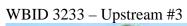
Data Sheet B - Site Characterization

Page Two - WBID #3233-03:

Stream Morj Upstream	-	vsical D	imensions	:						
Riffle	Width (ft):		Length		P	vg. Depth ((ft):	М	ax. Depth ((ft):
Run	Width (ft):		Length	(ft):	A	vg. Depth	(ft):	М	ax. Depth ((ft):
⊠ Pool	Width (ft):	40	Length	(ft): 100	A	vg. Depth	(ft): 3	М	ax. Depth ((ft): 4
⊠ Flow	Present?	⊠ Yes	☐ No		E	Estimated (fi	³ /sec): 1			
Downstre	am Vion	Dhysiae	Dimonale							
Riffle	Width (ft):		Length		F	vg. Depth	(ft):	M	ax. Depth ((ft):
⊠ Run	Width (ft):	35	Length	(ft): 150	F	vg. Depth	(ft): 1	М	ax. Depth ((ft): 2
Pool	Width (ft):		Length	(ft):		Avg. Depth	(ft):	М	ax. Depth ((ft):
Flow	Present?	⊠ Yes	□ No			Estimated (f				
Substrate*:	(These value Cobble		add up to 10% Gravel	00%.)	% Sand		% Silt	% N	fud/Clay	% Bedrock
Aquatic Veg	etation*: ocks, waterc	-	ount of veget	ation or a	lgal growt	h at the asse	essment site)		=	
Water Char	acteristic	s*: (Mark	all that appl	ly.)						
Odor:] Sewage	☐ Mu			nical	⊠ None		Other:	
Color:		Clear	Gre		Gray		Milky		Other:	= + *
Bottom De Surface De		Sludge Oil	☐ Sol		Fine Foar	sediments	None None	\boxtimes	Other: me	oss
*This informatic comprehensive decision on the	on is not to understandi recreation u	be used so ng of wate se analysi	lely for remer conditions s but may po	oval of a : . Consequint to con	recreations uently, this	al use design s information at need furth	nation but ra on is not inte ner analysis	ther is to pr nded to dire or that effec	ovide a mo ectly influe another u	ore nnce a
datasheet is	true and	accurate	e.		154				-	
Signed:	1 mm	V				_Date:_	6-14	-05		
Signed:Organization	: MO	DNR	-sw	CP		_ Positio	n: <u>Sci</u>	1 Scie	nyisy.	Ш

WBID 3233 – Downstream #3









Joyce Cr. (WB3233) Barry County, Missouri